



rh-t bug

Left: with remote probe, right: with removeable temperature probe

Dataloggers

TEMPERATURE & HUMIDITY

Typical Applications

- Pharmaceutical industry
- Storage and warehousing
- Laboratories
- Quality control
- HVAC
- Temperature mapping
- Humidity mapping

Options & Accessories

- Penetration/immersion probe
- Fast response air probe
- Surface probe
- Traceable calibration
- Mounting/security brackets
- Validation workbook
- FDA compatible

An intensive study of industry's requirements and the many limitations of current dataloggers in the market place has resulted in the development of the Hanlog range.

Hanwell have incorporated their wealth of experience in environmental monitoring and the latest components and technology in the creation of a product with a unique combination of hardware/software benefits. The result is a specification associated with top of the range instrumentation available in a small and cost effective package.

Unlike most dataloggers on the market, all Hanwell logging products have been designed with calibration very much in mind. The physical construction and software architecture together allow multi point calibration to very high precision.

This flexible approach combined with the use of high stability sensors ensures results on which both you and your industry regulators can rely.

Hanwell offer in-house or on-site temperature and humidity calibration services using equipment traceable to national standards. For those customers who have their own in-house calibration facilities, Hanwell can provide all the necessary supplementary calibration documentation and software. Validation work books are available for most Hanlog products.

Hanlog loggers have full specification RS232 comms. at 19200 Baud. Most other loggers provide only marginal levels at a much lower Baud rate. The result of this is that loggers, such as the rh-t bug, download their entire memory in less than 15 seconds.

Specification

(Accuracy quoted is combined instrument and sensor)

ISO9001:2000 certified

Dimensions	67mm x 67mm x 27mm	Temperature	
Weight	65 grams	Standard ranges	-25°C to +80°C -40°C to +50°C
Power supply	3.6 volt lithium battery	Accuracy	-25 to -5 +/-0.3°C -40 to -25 +/-0.3°C
Battery life	Up to 5 years (depending on use)		-5 to +50 +/-0.2°C -25 to +25 +/-0.2°C
Humidity range	0-100% non condensing		+50 to +70 +/-0.3°C +25 to +50 +/-0.3°C
Humidity sensor	Capacitive polymer		+70 to +80 +/-0.4°C
Humidity accuracy	+/- 2% standard +/- 1% optional	Resolution	-25 to -5 +/-0.3°C -40 to -25 +/-0.3°C
Humidity resolution	0.5%		-5 to +50 +/-0.2°C -25 to +25 +/-0.2°C
Temperature sensor	Precision Thermistor		+50 to +70 +/-0.3°C +25 to +50 +/-0.3°C
Logging intervals	Programmable from 4 seconds to 18 hours		+70 to +80 +/-0.4°C
Memory	16k EEPROM		
Record capacity	16368 records		
Delayed start	Yes		